

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001510**Date Inspected:** 02-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Changxing Dao, Shanghai**Quality Control Contact:** William (Bill) Oak**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** OBG 3 BE**Bid Item:** 77, 78, 79**Lot No:** B265**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. James Lumley arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

OBG 3BE

ZPMC performing required repairs to areas which were masked to prevent Interfine 979 from being coated on faying surfaces. ZPMC improperly masked the areas and are currently removing the coating by abrasive vacuum blasting to base metal and re-applying Interzinc 22 to affected areas at the direction of ABF QA Bill Oak. Profiles were obtained on said repair areas and found to be within the contract documents range as well as International Protective Coatings product data sheets. Ambient conditions were monitored by ZPMC and found to be within the parameters specified by the contract documents and International Protective coatings product data sheets.

Office

Compiled and completed spreadsheet for splice plates and other miscellaneous metal as directed by task leader.

Summary of Conversations:

ABF QA Bill Oak informed Caltrans QA Lumley even after ZPMC personnel were given the proper location to mask and re-blast, ZPMC blasted in a wrong location and subsequently incurred further repairs.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, (858) 699-9549, who represents the Office of Structural Materials for your project.

SOURCE INSPECTION REPORT

(Continued Page 2 of 2)

Inspected By:	Lumley,James	Quality Assurance Inspector
----------------------	--------------	-----------------------------

Reviewed By:	Miller,Mark	QA Reviewer
---------------------	-------------	-------------
